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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/064,684	08/07/2002	Keith L. Salter	IN-5455	9301
26922	7590	04/15/2004	EXAMINER	
BASF CORPORATION ANNE GERRY SABOURIN 26701 TELEGRAPH ROAD SOUTHFIELD, MI 48034-2442			RAJGURU, UMAKANT K	
			ART UNIT	PAPER NUMBER
			1711	

DATE MAILED: 04/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/064,684	Applicant(s) SALTER	
	Examiner Umakant K. Rajguru	Art Unit 1711	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-43 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-43 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
 If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
 * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____. | 6) <input type="checkbox"/> Other: _____ |

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1. Claim 1-43 are presented for examination
2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-6, 9-18, 21-29, 32-39 and 42-43 are rejected under 35 U.S.C. 103(a) as being unpatentable over Savin. (EP 385880) in view of Nickle et al (US 5221584).

Savin disclose a coating composition comprising a binder and a corrosion-inhibiting agent, silica and a solvent (abstract). Polyurethane is one of suited binders (p.2, line 8) and it is a two component binder containing a polyol containing polyester and an isocyanate-containing polymer (p. 7, lines 45-50). An epoxy resin is also a suitable binder (p. 4, line 36). Ketones are suitable solvents (p.7, line 14). Water may be used as solvent (abstract; line 9).

Savin does not specifically mention the claimed phosphate ester and phosphoric acid.

Nickle discloses a coating composition comprising a binder (which is a blend of acrylic latex polymer and acrylic hydrosol polymer) and a cross linking agent (abstract). Phosphoric acid is used as a catalyst (col. line 42). Also used is Lubrizol 2062, a phosphated organic inhibitor (col. 11, line 68). This inhibitor is the same one, which is in instant claim 1.

Hence it would have been obvious to add to the composition of Savin, (a) phosphoric acid to decrease curing time and (b) phosphate ester to inhibit corrosion.

4. Claims 7,8,19,20,31,40 and 41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Savin in view of Nickle et al (US 5221584) as applied to claims 1,13, 25 & 35 resp. above, and further in view of Browning et al (US 6649673).

Savin and Nickel together do not mention specification solvents (of claims 7,8,19,20,31,40 and 41).

Browning teaches use of acetone and other ketones in coating (col. 33, line 24-33).

Therefore it would have been obvious to use acetone or a ketone as a solvent in the composition of Savin because of their enhanced polarity and high solvent power. Amounts of these solvents taught by prior art overlap those that are instantly claimed.

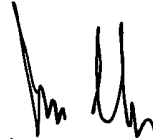
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to U. K. Rajguru, whose telephone number is (571) 272-1077. The examiner can normally be reached on Monday-Friday from 9:30 am to 6:00 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James J. Seidleck can be reached on (571) 272-1078. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.



U. K. Rajguru/af
March 12, 2004



James J. Seidleck
Supervisory Patent Examiner
Technology Center 1700